

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
 ALLEN)
Serial No.:)
Filed:)
 Herewith)
For:)
 A CASING SCRAPER)
Attorney Docket No.:)
 WPT 2 0029)

Examiner:

Art Unit:

Cleveland, OH 44114
February 4, 2002

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Prior to calculation of the filing fee and prior to examination, please amend the subject application as follows:

IN THE CLAIMS

Kindly amend claims 4, 6, 7, 9 and 11 as follows:

EXPRESS MAIL CERTIFICATE

I hereby certify that this PRELIMINARY AMENDMENT is being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 C.F.R. 1.10 and is addressed to the Assistant Commissioner For Patents, Box Patent Application, Washington, D.C. 20231 on February 4, 2002.
EXPRESS MAIL NO.: EV 020233636 US.


George E. George

4. (Amended) A casing scraper according to claim 1, wherein the means for selectively directing cleaning fluid to pass through the filtration means comprises a radially expandable element which is engageable with the casing wall to prevent fluid flow around the periphery thereof, which rubber plug has flow apertures therein through which cleaning fluid can pass into the filtration means.

6. (Amended) A casing scraper according to claim 4, wherein the element is annular and is mounted on the said tail pipe, above the apertures therein.

7. (Amended) A casing scraper according to claim 4, wherein radial expansion of the element is achieved by compressing it between two plates which are operatively moveable relative to one another to reduce the distance therebetween.

9. (Amended) A casing scraper according to claim 4, wherein the element is rotatable relative to the tail pipe.

11. (Amended) A casing scraper according to claim 10, wherein the tail pipe is connected to the cylindrical body in such a way as to permit relative movement thereof on a longitudinal axis but to prevent relative rotational movement thereof.

Kindly insert new claims 13-20 into the

application as follows:

13. A casing scraper according to claim 2, wherein the means for selectively directing cleaning fluid to pass through the filtration means comprises a radially expandable element which is engageable with the casing wall to prevent fluid flow around the periphery thereof, which rubber plug has flow apertures therein through which cleaning fluid can pass into the filtration means.

14. A casing scraper according to claim 3, wherein the means for selectively directing cleaning fluid to pass through the filtration means comprises a radially expandable element which is engageable with the casing wall to prevent fluid flow around the periphery thereof, which rubber plug has flow apertures therein through which cleaning fluid can pass into the filtration means.

15. A casing scraper according to claim 5, wherein the element is annular and is mounted on the said tail pipe, above the apertures therein.

16. A casing scraper according to claim 5, wherein radial expansion of the element is achieved by compressing it between two plates which are operatively moveable relative to one another to reduce the distance therebetween.

17. A casing scraper according to claim 6, wherein radial expansion of the element is achieved by compressing it between two plates which are operatively moveable relative to one another to reduce the distance

therebetween.

18. A casing scraper according to claim 5, wherein the element is rotatable relative to the tail pipe.

19. A casing scraper according to claim 6, wherein the element is rotatable relative to the tail pipe.

20. A casing scraper according to claim 10, wherein the tail pipe is connected to the cylindrical body in such a way as to permit relative movement thereof on a longitudinal axis but to prevent relative rotational movement thereof.

REMARKS

This communication is a preliminary amendment to the application identified above in order to remove all multiple dependent claims. All pending claims are submitted to distinguish patentably and unobviously over the references of record and, therefore, a notice of allowance is respectfully requested.

Respectfully submitted,

**FAY, SHARPE, FAGAN,
MINNICH & MCKEE, LLP**



Steven M. Haas, Reg. No. 37,841
1100 Superior Avenue - Seventh Floor
Cleveland, OH 44114-2518
Telephone (216) 861-5582
Facsimile (216) 241-1666

Encl.: Version with Markings to Show Changes Made

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Claims 4, 6, 7, 9 and 11 have been amended as follows:

4. (Amended) A casing scraper according to claim 1, [2 or 3,] wherein the means for selectively directing cleaning fluid to pass through the filtration means comprises a radially expandable element which is engageable with the casing wall to prevent fluid flow around the periphery thereof, which rubber plug has flow apertures therein through which cleaning fluid can pass into the filtration means.

6. (Amended) A casing scraper according to claim 4 [or 5], wherein the element is annular and is mounted on the said tail pipe, above the apertures therein.

7. (Amended) A casing scraper according to claim 4, [5 or 6,] wherein radial expansion of the element is achieved by compressing it between two plates which are operatively moveable relative to one another to reduce the distance therebetween.

9. (Amended) A casing scraper according to claim 4, [5, 6, 7 or 8,] wherein the element is rotatable relative to the tail pipe.

11. (Amended) A casing scraper according to [any preceding] claim 10, wherein the tail pipe is connected to the cylindrical body in such a way as to permit relative movement thereof on a longitudinal axis but to prevent relative rotational movement thereof.

New claims 13-20 have been presented for examination as follows:

13. A casing scraper according to claim 2, wherein the means for selectively directing cleaning fluid to pass through the filtration means comprises a radially expandable element which is engageable with the casing wall to prevent fluid flow around the periphery thereof, which rubber plug has flow apertures therein through which cleaning fluid can pass into the filtration means.

14. A casing scraper according to claim 3, wherein the means for selectively directing cleaning fluid to pass through the filtration means comprises a radially expandable element which is engageable with the casing wall to prevent fluid flow around the periphery thereof, which rubber plug has flow apertures therein through which cleaning fluid can pass into the filtration means.

15. A casing scraper according to claim 5, wherein the element is annular and is mounted on the said tail pipe, above the apertures therein.

16. A casing scraper according to claim 5, wherein radial expansion of the element is achieved by compressing it between two plates which are operatively moveable relative to one another to reduce the distance therebetween.

17. A casing scraper according to claim 6, wherein radial expansion of the element is achieved by compressing it between two plates which are operatively moveable relative to one another to reduce the distance therebetween.

18. A casing scraper according to claim 5, wherein the element is rotatable relative to the tail pipe.

19. A casing scraper according to claim 6, wherein the element is rotatable relative to the tail pipe.

20. A casing scraper according to claim 10, wherein the tail pipe is connected to the cylindrical body in such a way as to permit relative movement thereof on a longitudinal axis but to prevent relative rotational movement thereof.